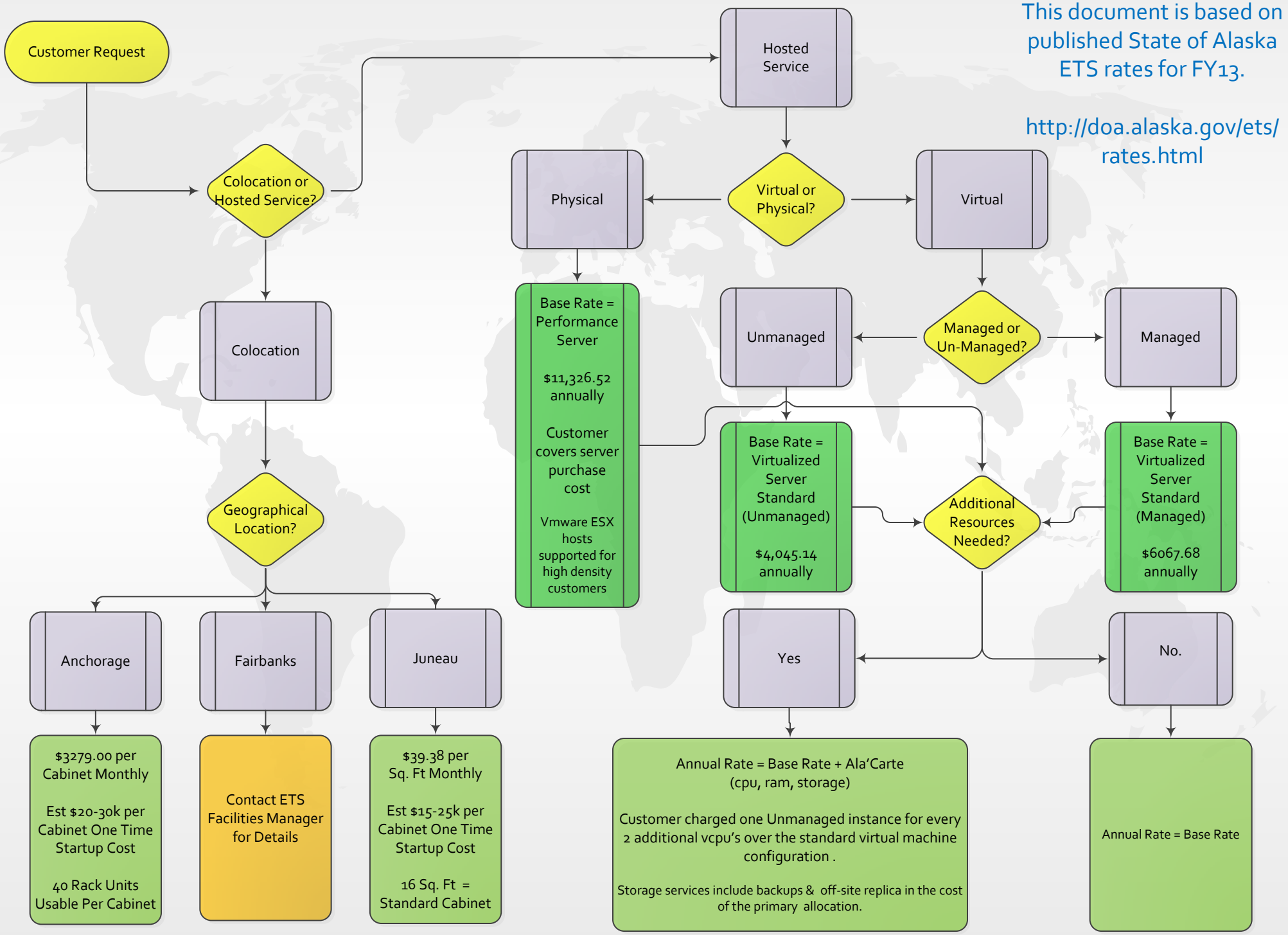
State of Alaska – Enterprise Technology Services
FY13 Data Center & Hosting Services Cost Map

February 24, 2013

This document is based on published State of Alaska ETS rates for FY13.

http://doa.alaska.gov/ets/rates.html



Scenario 1

Customer wants a typical, multi-tiered application hosted which includes a dedicated database server, application server, and web server which are all virtual machines.

ETS provides the hosting for the service including infrastructure 24x7 management up to the server OS. The costs include licensing, hardware infrastructure (server/storage/network), and backup & disaster recovery including off-site storage.

The customer in this scenario would need to procure their own database software license and would be responsible for the database, application and web support of their service(s).

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Service Item	ETS Service Rate	Qty	Cost	Annual Price
Virtual Machine 1 (Web Server Example)				
Fully managed virtual machine with 2 vCPUs / 4gb of ram / 150 gb SATA storage	Virtualized Server Standard (Managed)	1	6,067.78	$6,067.78
Service Item Total				$6,067.78
Virtual Machine 2 (Application Server				
Fully managed virtual machine with 2 vCPUs / 4gb of ram / 150 gb SATA storage	Virtualized Server Standard (Managed)	1	6,067.78	$6,067.78
16gb of additional ram = 20gb total	Virtual Machine - Extra Memory Usage	2	500.00	$1,000.00
Service Item Total				$7,067.78
Virtual Machine 3 (Database Server				
Fully managed virtual machine with 2 vCPUs / 4gb of ram / 150 gb SATA storage	Virtualized Server Standard (Managed)	1	6,067.78	$6,067.78
1tb (1024gb) of dedicated High-Performance (SAS) storage	Virtual Machine - High Performance (SAS) - 150gb increments	7	750.00	$5,250.00
500gb of dedicated High-Capacity (SATA) storage	Virtual Machine - High Capacity (SATA) - 150gb increments	4	500.00	$2,000.00
Service Item Total				$13,317.78
FY13	**Annual Recurring Service Cost**			**$26,453.34**

Scenario 2

Customer wants a ETS to host 10 un-managed servers that will be virtual machines. 5 are located in Juneau and 5 are located in Anchorage.

ETS provides the hosting for the service including infrastructure 24x7 management up to the hardware level only. The costs include licensing, hardware infrastructure (server/storage/network), and backup & disaster recovery including off-site storage.

The customer in this scenario would be responsible all OS and application management and any third-party software support / costs.

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Service Item	ETS Service Rate	Qty	Cost	Annual Price
10 Virtual Machines that will be customer managed				
Un-Managed virtual machine with 2 vCPUs / 4gb of ram / 150 gb SATA storage	Virtualized Server Standard (Un-Managed)	10	4045.18	$40,451.80
Service Item Total				$40,451.80
FY13	**Annual Recurring Service Cost**			**$40,451.80**

Scenario 3

Customer wants a to host a large amount of virtual machines with ETS but manage them as they currently do at the departmental level. This is the best approach for larger, mature customers. .

ETS provides the hosting for the infrastructure including 24x7 management of the physical servers, storage, and data center networking. The costs include associated rack space, power, and other resources to support the physical systems. ETS would support the VMware ESX host, and provide data center network access and storage services in support of the customer VMware cluster.

The customer in this scenario would need to procure their own VMware (virtualization) software licenses, OS licenses and any third party software and would be responsible for the all virtual server management. The customer is provide direct pass through quotes for UCS blade services and any other associated costs with the physical stand up. The customer is responsible for life cycle management of the servers and paying for replacement according to their schedule.

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Service Item	ETS Service Rate	Qty	Cost	Annual Price
3 Physical UCS Blades - Customer Managed				
**Customer will be provided direct quote for server purchase that meets their specifications. Customer is responsible for life cycle management (server replacement) on a schedule that meets their needs.	Performance Server	3	11,326.52	$33,979.56
5tb (5120gb) of dedicated High-Capacity (SATA) storage (includes off-site replica)	Virtual Machine - High Capacity (SATA) - 150gb increments	35	500.00	$17,500.00
Service Item Total				$51,479.56
FY13	**Annual Recurring Service Cost**			**$51,479.56**